

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) Electrical power supply distribution apparatus comprising:  
a conduit containing at least one elongate conductor, the conduit having an opening through which a connector is able to be inserted to connect electrically with the conductor; and  
a conductive member disposed between the opening and the conductor and resiliently displaceable by a said connector to provide access to the conductor.
2. (Original) Apparatus as claimed in claim 1 wherein the member forms an earth connector.
3. (Previously Presented) Apparatus as claimed in claim 1 wherein the member is resiliently biased towards the opening.
4. (Previously Presented) Apparatus as claimed in claim 1 wherein the member occludes the opening.
5. (Previously Presented) Apparatus as claimed in claim 1 wherein the member seals the opening.
6. (Currently Amended) Apparatus as ~~claims~~ claimed in claim 4 further comprising a displaceable flap for the opening, the member underlying the flap.
7. (Previously Presented) Apparatus as claimed in claim 1 wherein the opening is an elongate slot.

8. (Previously Presented) Apparatus as claimed in claim 1 wherein the member has a sheet-like surface and a support portion engaging the conduit.

9. (Original) Apparatus as claimed in claim 8 further comprising two opposed support portions.

10. (Previously Presented) Apparatus as claimed in claim 8 wherein the or each portion is of winged form.

11. (Original) Apparatus as claimed in claim 10 wherein the or each wing comprises a plurality of individual wing portions separately connected to the surface.

12. (Previously Presented) In combination apparatus as claimed in claim 1 and a said connector having an electrical contact arranged to engage the conductor.

13. (Original) A combination as claimed in claim 12 wherein the apparatus comprises first and second conductors and the connector comprises first and second electrical contacts arranged to engage respective said conductors.

14. (Original) A combination as claimed in claim 13 wherein the contacts are disposed at opposed ends of an arm rotatable between a first position in which the contacts are disengaged from the conductors and the second position in which the contacts are engaged with the conductors.

15. (Previously Presented) Electrical power supply distribution apparatus according to claim 1, further comprising a further conduit containing at least one elongate conductor, said further conduit having an opening arranged to receive a data and/or communications connector to connect electrically with the conductor.

16. (Original) Electrical power supply distribution apparatus according to claim 15, wherein the two conduits are separated by an EMI shield.

17. (Original) Electrical power supply distribution apparatus according to claim 16, wherein the EMI shield is formed by at least a part of either or both conduits.

18. (Previously Presented) A combination as claimed in claim 15 and a data/communications connector having an electrical contact arranged to engage said conductor.

19. (Original) Electrical power supply distribution apparatus comprising:  
a conduit containing at least one elongate conductor, the conduit having an opening arranged to receive a connector to connect electrically with the conductor; and  
a cable run separated from the conductor by an EMI shield.

20. (Original) Apparatus as claimed in claim 19 wherein the shield is formed by at least a part of the conduit.

21. (Previously Presented) Apparatus as claimed in claim 19 wherein the shield is formed from metal.

22. (Previously Presented) Apparatus as claimed in claim 19 wherein the shield is formed as a metallic or metallised layer.

23. (Original) Apparatus as claimed in claim 20 wherein the conductor is insulated from said part.

24. (Original) Apparatus as claimed in claim 23 further comprising an elongate insulator disposed between the conductor and said part.

25. (Previously Presented) Apparatus as claimed in claim 19 wherein the shield forms an earth connector.

26. (Previously Presented) Apparatus as claimed in claim 19 further comprising a conductive member disposed between the opening and the conductor and resiliently displaceable to provide access to the conductor.

27. (Original) Apparatus as claimed in claim 26 wherein the conductive member forms part of the shield.

28. (Original) Apparatus as claimed in claim 27 wherein the conductive member and conduit together form a conductive loop around the conductor.

29. (Previously Presented) Apparatus as claimed in claim 19 wherein the cable run is enclosed.

30. (Original) Apparatus as claimed in claim 29 wherein the cable run is formed parallel to the conductor as a separate conduit.

31. (Previously Presented) Apparatus as claimed in claim 19 wherein the cable run is arranged to receive data and/or communications cables.

32. (Original) Apparatus as claimed in claim 31 further comprising a cover, the cover having at least one opening arranged to receive a data and/or communications connector.

33. (Original) An electrical connector arranged to receive an electrical plug and having first and second electrical contacts arranged to engage corresponding conductors of an electrical power supply distribution apparatus, the contacts being disposed at opposed ends of an arm rotatable between a first position in which the contacts are arranged to disengage from the conductors and a second position in which the contacts are arranged to engage with the conductors, wherein the connector further

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comprises a third electrical contact arranged to earth the connector before the first and second contacts engage the corresponding conductors.

34. (Original) A connector as claimed in claim 33 wherein the ends of the arm are resiliently displaceable.

35. (Original) A connector as claimed in claim 34 wherein each end is of hooked form.

36. (Original) A connector as claimed in claim 33, wherein the contacts are resiliently displaceable.

37. (Previously Presented) A connector as claimed in claim 33, wherein a part of the contacts are received inside the rotatable arm.

38. (Original) A connector as claimed in claim 37, wherein a part of the contacts protruding out of the rotatable arm is hemispheric shape.

39. (Previously Presented) A connector as claimed in claim 33 further comprising means arranged to allow engagement of each contact only with a selected conductor.

40. (Original) A connector as claimed in claim 39 wherein the means comprises a formation offset relative to the axis of rotation of the arm.

41. (Previously Presented) In combination, a connector as claimed in claim 33 and a said electrical power supply distribution apparatus comprising a conduit containing at least one elongate conductor, the conduit having an opening through which the connector is able to be inserted to connect electrically with the conductor.

42. (Original) A combination as claimed in claim 41 further comprising a conductive member disposed between the opening and the conductor and resiliently displaceable by a said connector to provide access to the conductor.

43. (Previously Presented) In combination a connector as claimed in claim 39 and a said electrical power distribution apparatus comprising a conduit containing two elongate conductors, the conduit having an opening through which the arm of the connector is able to be inserted, and means arranged to allow engagement of each conductor only with a selected contact of the arm.

44. (Original) A combination as claimed in claim 43 wherein said means comprises first and second formations offset relative to said opening.

45. (Previously Presented) A connector as claimed in claim 33 further comprising arm protection means arranged to protect the arm in the first position.

46. (Original) A connector as claimed in claim 45 wherein the protection means comprises first and second formations, the arm, in the said first position, lying between the formations.

47. (Original) Apparatus for distributing electrical power and/or communication signals, the apparatus comprising an elongate conduit containing at least one elongate conductor, the conduit having an elongate opening arranged to receive a connector to connect electrically with the conductor and a resiliently displaceable flap for the opening wherein the flap is co-extruded with a part forming a cover for the conduit.

48. (Original) Apparatus as claimed in claim 47 further comprising a second flap for the opening.

49. (Previously Presented) Apparatus as claimed in claim 47 wherein the flap and part are co-extruded from the same material but of different hardness.

50. (Previously Presented) Apparatus as claimed in claim 47 wherein the flap and part are co-extruded from different materials.

51. (Original) A terminal connector arranged to engage a conduit containing at least one elongate conductor and having an opening arranged to receive a power point connector or an electrical plug to connect electrically with the conductor, the terminal connector having means slidably connectable to an end of a said conduit and to said conductor and arranged to connect the conductor to a mains supply or the conductor of another said conduit.

52. (Original) A connector as claimed in claim 51 wherein said means comprises at least one contact arranged slidably to engage with an end of a said conductor.

53. (Original) A connector as claimed in claim 52 comprising two said contacts arranged to engage opposed sides of a said conductor.

54. (Previously Presented) A connector as claimed in claim 52 wherein the contact is arranged to engage a cylindrical conductor.

55. (Original) A connector as claimed in claim 52 comprising three said contacts arranged to engage two opposed sides of the conductor.

56. (Original) A connector as claimed in claim 53 wherein the contacts are arranged to engage a sheet-like conductor.

57. (Original) A connector as claimed in claim 53 wherein the contacts are arranged to engage a T-shaped conductor.

58. (Previously Presented) A connector as claimed in claim 51 wherein said means comprises at least one projection arranged to be slidably receivable in a corresponding socket of a said conduit.

59. (Original) A connector as claimed in claim 58 as dependent directly or indirectly upon claim 56 wherein the projection partially surrounds the contact.

60. (Original) A connector as claimed in claim 51 wherein said means forms a channel arranged to engage slidably with an end of a said connector.

61. (Previously Presented) In combination, two connectors as claimed in claim 51 connected together so that said means project outwardly so as to be connectable to adjacent said conduits.

62. (Original) A combination as claimed in claim 61 wherein the connectors are connected via a base member.

63. (Previously Presented) A combination as claimed in claim 61 wherein the connectors are electrically connected together.

64. (Original) Electrical power distribution apparatus comprising:  
a metal conduit containing at least one elongate conductor, the conduit having an opening arranged to receive a connector to connect electrically with the conductor; and  
the conductor being connected to the conduit via an insulator, whereby the conduit forms an EMI shield for the conductor.

65. (Original) Apparatus as claimed in claim 64 further comprising a conductive member disposed between the opening and the conductor and resiliently displaceable to provide access to the conductor.



66. (Original) Apparatus as claimed in claim 65 wherein the member forms part of the shield.

67. (Original) Apparatus as claimed in claim 66 wherein the member and conduit together form a conductive loop around the conductor.

68. (Previously Presented) Apparatus as claimed in claim 64 further comprising a cable run separated from the conductor by the shield.

69. (Previously Presented) Apparatus as claimed in claim 64 further comprising a further conduit separated from the conductor by the shield.

70. (Original) Apparatus as claimed in claim 69 wherein the said conduit contains at least one elongate conductor and has an opening arranged to receive a data and/or communications connector to connect electrically with the conductor.

71. (Original) An electrical plug arranged to receive one or more electrical wires for coupling to an electrical device, the plug having first and second electrical contacts arranged to engage corresponding conductors of an electrical power supply distribution apparatus, wherein the contacts are disposed at opposed ends of an arm rotatable between a first position in which the contacts are arranged to disengage from the conductors and a second position in which the contacts are arranged to engage with the conductors.

72. (Original) An electrical plug as claimed in claim 71 wherein the ends of the arm are resiliently displaceable.

73. (Original) An electrical plug as claimed in claim 71 wherein each end is of hooked form.

74. (Original) An electrical plug as claimed in claim 71 wherein the contacts are resiliently displaceable.

75. (Previously Presented) An electrical plug as claimed in claim 71 further comprising means arranged to allow engagement of each contact only with a selected conductor.

76. (Original) An electrical plug as claimed in claim 75 wherein the means comprises a formation offset relative to the axis of rotation of the arm.

77. (Previously Presented) An electrical plug as claimed in claim 71 wherein each contact is connected electrically to a said electrical wire.

78. (Original) Apparatus for distributing electrical power and/or communication signals, the apparatus comprising two conduits separated by an EMI shield, each conduit containing at least one elongate conductor and which includes an opening arranged to receive a connector to connect electrically with the conductor.

79. (Original) Apparatus as claimed in claim 78 wherein one conduit is used to distribute communication signals.

80. (Original) Apparatus as claimed in claim 78 wherein one conduit is used to distribute electrical power.

81. (Original) Apparatus as claimed in claim 80, further comprising a conductive member in said conduit, the conductive member being disposed between the opening and the conductor of said conduit and being resiliently displaceable by a said connector to provide access to the conductor of said conduit.

82. (Original) An electrical socket comprising

a housing containing at least one conductor, the housing having an opening through which a connector is able to be inserted to connect electrically with the conductor, and

a conductive member disposed between the opening and the conductor and resiliently displaceable by a said connector to provide access to the conductor.

83. (Original) An electrical socket as claimed in claim 82 wherein the conductive member forms an earth connector.

84. (Previously Presented) An electrical socket as claimed in claim 82 wherein the conductive member is resiliently biased towards the opening.

85. (Currently Amended) An electrical socket as claimed in claim 82 wherein the opening is an elongate slot.

86. (Previously Presented) In combination, a socket as claimed in claim 82 and a said connector having an electrical contact arranged to engage the conductor.

87. (Original) A combination as claimed in claim 86 wherein the socket comprises first and second conductors and the connector comprises first and second electrical contacts arranged to engage respective said conductors.

88. (Original) A combination as claimed in claim 87 wherein the contacts are disposed at opposed ends of an arm rotatable between a first position in which the contacts are disengaged from the conductors and a second position in which the contacts are engaged with the conductors.

89. (Original) A data and/or communications terminal connector arranged to engage a conduit containing at least one elongate conductor and having an opening arranged to receive a data and/or communications connector to connect electrically with

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the conductor, the terminal connector having means slidably connectable to an end of a said conduit and to said conductor and arranged to connect the conductor to a data and/or communications cable arranged to provide communication signals.

90. (Original) A terminal connector as claimed in claim 89 wherein said means comprises a U-shaped terminal arranged to engage slidably with an end of a said conductor.

91-96. (Canceled)